



## **Senior Natural Language Processing Consultant**

Clear Outcomes is a woman-owned, management consulting firm that provides solution-oriented monitoring, evaluation, research, and learning support to international and domestic organizations. With expertise in health, governance, humanitarian affairs, capacity development, education, and the use of technology (big data, machine learning, AI), Clear Outcomes aims to provide expert consulting support and solutions. We work with governments, non-profits, universities, foundations, and the private sector to support solutions for their needs.

We are seeking a Senior Natural Language Processing consultant to lead an anticipated six-month research project. The position will be remote.

### **Position Description**

Clear Outcomes is looking for a senior natural language processing consultant to lead and provide technical support to a research project to compare traditional qualitative analytical methods and NLP specifically for program evaluation. The project intends to use both supervised and unsupervised methods and may potentially include semi-supervised methods as a further area of comparison.

We anticipate that the level of effort for this research project will be between 25-40 days over a six-month period. If funded, this project is expected to begin in early 2021.

### **Duties and Responsibilities**

- Developing and finalizing an inception report that includes the methodological framework;
- Providing technical support and guidance to data scientists on NLP processes and methods;
- Write code or assist with coding challenges as needed to ensure it is of production quality;
- Review and approve of analytical findings, conclusions, and recommendations; and
- Review and finalize research report.

### **Education and Experience**

- 5+ years of experience in natural language processing;
- Expertise developing and testing NLP models using both unsupervised and supervised methods;
- Experience developing and annotating corpora;

- Experience training and evaluating taggers; and
- Preferred experience in program evaluation, international development, and/or qualitative research.

To learn more about Clear Outcomes, please visit our website: <http://www.clearoutcomes.net>

If you are interested in this position, please email your CV in Microsoft Word format with the file called `firstname_lastname_NLP` to [info@clearoutcomes.net](mailto:info@clearoutcomes.net) (For example, `Jane_Smith_NLP.docx`).

Clear Outcomes is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, national origin, disability, or protected veteran status.